

## ABSTRACT OF THE DISCLOSURE

The invention is to perform operations from sealing of a honeycomb core with a thermosetting sealing material having an adhesive property to its hardening in one step, prevent a resin from flowing into cells of the honeycomb core during resin impregnating operation, and thereby mold low-cost honeycomb sandwich components by using RTM technique which is adopted in molding solid materials, for instance. Dry fabric sheets are stacked on both sides of a honeycomb core with thermosetting sealing members having an adhesive property placed in between, and the sealing members and the dry fabric sheets are heated at the curing temperature of the sealing members to cause initial hardening of the sealing members and to dry the dry fabric sheets. Then, the dry fabric sheets are impregnated with a thermosetting resin and the resin impregnated into the dry fabric sheets is hardened by hot-pressing an entire assembly thus prepared under specific conditions.